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CLAIMS

1.   A method for processing a signal containing regular or quasi-regular elements of unwanted signal, the method comprising the steps of:

5   (i)   establishing timing characteristics of the unwanted signal elements in a portion of said signal;

(ii)   generating a time domain window function using said established timing characteristics; and

(iii)   applying the generated window function to said signal portion to

10   selectively reduce the amplitude of said unwanted signal elements relative to other elements of said signal.

2.   A method according to Claim 1, wherein said time domain window function is a sinusoidal function.

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3.   A method according to Claim 1 or Claim 2, further comprising the steps of:

(iv)   applying a Fourier transform to the signal output from step (iii); and

(v)   applying an algorithm to restore the shape of peaks in the transformed

20   signal to an approximation of their form in the absence of said unwanted signal elements.

4.   A method according to Claim 2, wherein said sinusoidal window function is arranged to have a zero crossing substantially coinciding with the position of

25   each unwanted signal element established at step (ii).